

than or equal to the requested priority the number of bits specified by the # Bits column are extracted from the low end of the Value byte and forwarded to the bit stream. It will be appreciated that this translation in this order to the bit stream results in a bit stream which is uniquely decodable at the receiving end into the individual parameters as discussed below under the Decoder operation. It will also be appreciated that there are other arrangements of the bits which provide unique decodability and may be advantageous in certain other implementations. In particular in environments with noticeable error rates imparted by the digital transmission medium, it will be advantageous to encode the IRC, EDF, RDF, and first bit of RC1 with error detection and correction codes to ensure rapid recovery of frame synchronization after channel errors occur.

---